

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/761,660
	Filing Date	January 20, 2004
	First Named Inventor	Hsieh, You-Lo
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned
Total Number of Pages in This Submission	Attorney Docket Number	18062G-005120US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard Cited References AA - AQ
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

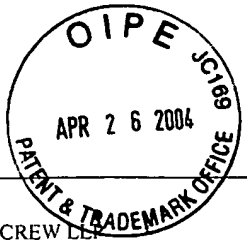
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Signature		
Date	4/21/04	

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Attorney Docket No.: 18062G-005120US  
Client Reference No.: 2003-182-3

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On

April 21, 2004

TOWNSEND and TOWNSEND and CREW LLP

By:

Aaron H. Kamman

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

HSIEH et al.

Application No.: 10/761,660

Filed: January 20, 2004

For: NANO-POROUS FIBERS AND  
PROTEIN MEMBRANES

Examiner: To be assigned

Art Unit: To be assigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Carol A. Fang  
Reg. No. 48,631

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60195865 v1



PTO/SB/08A (08-03)

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/761,660
		Filing Date	January 20, 2004
		First Named Inventor	Hsieh, You-Lo
		Art Unit	To be assigned
		Examiner Name	To be assigned
Sheet 1	of 2	Attorney Docket Number	18062G-005120US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	5,522,879	06/04/1996	Scopelianos	
	AB	6,099,960	08/08/2000	Tennent et al.	
	AC	6,146,892	11/14/2000	Ma et al.	
	AD	6,306,424 B1	10/23/2001	Vyakarnam et al.	
	AE	6,382,526 B1	05/07/2002	Reneker et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AF	WO	02/100628	A1	12/19/2002	The University of Akron		<input type="checkbox"/>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
60195865 v1

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/761,660
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Sheet	2	of	2	Attorney Docket Number	18062G-005120US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AG	BOGNITZKI, Michael <i>et al.</i> ; "Nanostuctured fibers via electrosputting"; <u>Advanced Materials</u> ; January 5, 2001; pp. 70-72; Vol. 13, No. 1; Wiley-VCH Verlag GmbH, Weinheim, Germany.	
	AH	BUCKHO, Christopher J. <i>et al.</i> ; "Processing and microstructural characterization of porous biocompatible protein polymer thin films"; <u>Polymer</u> ; 1999; pp. 7397-7407; Vol. 40	
	AI	DIETZEL, J. M. <i>et al.</i> ; "The effect of processing variables on the morphology of electrospun nanofibers and textiles"; <u>Polymer</u> ; 2001; pp. 261-272; Vol. 42	
	AJ	DOSHI, Jayesh and Darrel H. Reneker; "Electrospinning process and applications of electropsun fibers"; <u>Journal of Electrostatics</u> ; 1995; pp. 151-160; Vol. 35	
	AK	FANG, X and D. H. Reneker; "DNA fibers by electrospinning"; <u>J. Macromol. Sci. - Phys.</u> ; 1997; pp. 169-173; Vol. B36, No. 2; Marcel Dekker, Inc.	
	AL	JIA, Hongfei <i>et al.</i> ; "Enzyme-carrying polymeric nanofibers prepared via electrospinning for use as unique biocatalysts"; <u>Biotechnol. Prog.</u> ; August 15, 2002, pp. 1027-1032; Vol. 18; American Chemical Society and American Institute of Chemical Engineers	
	AM	KIM, Jong-Sang and Dai Soo Lee; "Thermal properties of electrospun polyesters"; <u>Polymer Journal</u> ; 2000; pp. 616-618; Vol. 32, No. 7	
	AN	LIU, Haiqing and You-Lo Hsieh; "Ultrafine fibrous cellulose membranes from electrospinning of cellulose acetate," <u>Journal of Polymer Science: Part B: Polymer Physics</u> ; 2002; pp. 2119-2129; Vol. 40; Wiley Periodicals, Inc.	
	AO	NORRIS, Ian D. <i>et al.</i> ; "Electrstatic fabrication of ultrafine conducting fibers: polyaniline/polyethylene oxide blends"; <u>Synthetic Metals</u> ; 2000; pp. 109-114; Vol. 114; Elsevier Science S.A.	
	AP	RENEKER, Darrell H. and Iksoo Chun; "Nanometre diameter fibres of polymer, produced by electrospinning," <u>Nanotechnology</u> ; 1996; pp. 216-223; Vol. 7; IOP Publishing Ltd., UK	
	AQ	SAITO, Kyoichi; "Charged polymer brush grafted onto porous hollow-fiber membrane improves separation and reaction in biotechnology"; <u>Separation Science and Technology</u> ; 2002, pp. 535-554; Vol. 37, No. 3; Marcel Dekker, Inc.	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.